

SEQUENCE LISTING

- (1) GENERAL INFORMATION:
- (i) APPLICANT: PARMA, et al.
 - (ii) TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
 - (iii) NUMBER OF SEQUENCES: 390
 - (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Swanson & Bratschun, L.L.C.
 - (B) STREET: 8400 E. Prentice Avenue, Suite 200
 - (C) CITY: Englewood
 - (D) STATE: Colorado
 - (E) COUNTRY: USA
 - (F) ZIP: 80111
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
 - (B) COMPUTER: IBM pc compatible
 - (C) OPERATING SYSTEM: MS-DOS
 - (D) SOFTWARE: wordPerfect 6.0
 - (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/
 - (B) FILING DATE:
 - (C) CLASSIFICATION:
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: PCT/US96/09455
 - (B) FILING DATE: 05-JUNE-1995
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/479,724
 - (B) FILING DATE: 07-JUNE-1995
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/472,256
 - (B) FILING DATE: 07-JUNE-1995
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/472,255
 - (B) FILING DATE: 07-JUNE-1995
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/477,829
 - (B) FILING DATE: 07-JUNE-1995
 - (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Barry J. Swanson
 - (B) REGISTRATION NUMBER: 33,215
 - (C) REFERENCE/DOCKET NUMBER: NEX40C/PCT
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (303) 793-3333
 - (B) TELEFAX: (303) 793-3433
- (2) INFORMATION FOR SEQ ID NO:1:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 98 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE: RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
 GGGAAAAGCG AAUCAUACAC AAGANNNNNN NNNNNNNNNN NNNNNNNNNN 50
 NNNNNNNNNN NNNNNNNNNN NNNNGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:2:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 41 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
 UAAUACGACU CACUAVAGGG AAAAGCGAAU CAUACACAAG A 41

(2) INFORMATION FOR SEQ ID NO:3:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 24 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
 UUCUCGGUUG GUCUCUGGCG GAGC 24

(2) INFORMATION FOR SEQ ID NO:4:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
 GGGAAAAGCG AAUCAUACAC AAGAAUGGUU GGCCUGGGCG CAGGCUUCGA 50
 AGACUCGGCG GGAACGGGAA UGGCUCCGCC AGAGACCAAC CGAGAA 96

(2) INFORMATION FOR SEQ ID NO:5:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

GGGAAAAGCG AAUCAUACAC AAGACAGGCA CUGAAAACUC GGCGGGAACG	50
AAAGUAGUGC CGACUCAGAC GCGUGCUCCG CCAGAGACCA ACCGAGAA	98

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 91 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

GGGAAAAGCG AAUCAUACAC AAGAAGUCUG GCCAAAGACU CGGCGGGAAC	50
GUAAAACGGC CAGAAUUGCU CCGCCAGAGA CCAACCGAGA A	91

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 94 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

GGGAAAAGCG AAUCAUACAC AAGAGUAGGA GGUUCCAUA CCAGGACUCG	50
GCGGGAACGG AAGGUGAUGS GCUCCGCCAG AGACCAACCG AGAA	94

(2) INFORMATION FOR SEQ ID NO:8:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 95 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

GGGAAAAGCG AAUCAUACAC AAGAACAAGG AUCGAUGGCG AGCCGGGGAG	50
GGCUCGGCGG GAACGAAUUC UGCUCGCCCA GAGACCAACC GAGAA	95

(2) INFORMATION FOR SEQ ID NO:9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

GGGAAAAGCG AAUCAUACAC AAGAUUGGCG AGGCAGAGCG AGACCGGGGG	50
CUCGGCGGGA ACGGAACAGG AAUGCUCGCG CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

GGGAAAAGCG AAUCAUACAC AAGAAAGGGA UGGGAUUGGG ACGAGCGGCC	50
AAGACUCGGC GGAACGAAG GGUGCUCGCG CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:11:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 96 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGAAA GUGUCAUGGU	50
AGCAAGUCCA AUGGUGGACU CUGCUCGCC AGAGACCAAC CGAGAA	96

(2) INFORMATION FOR SEQ ID NO:12:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 98 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
 GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGUGA AGUGGGUAGG 50
 UAGCUGAAGA CGGUCUGGGC GCCAGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:13:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 99 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
 GGGAAAAGCG AAUCAUACAC AAGAAAGGGA UGGGAUUGGG ACGAGCGGCC 50
 AAGACUCGGC GGGAACGAAG GUCCGCUCC GCCAGAGACC AACCGAGAA 99

(2) INFORMATION FOR SEQ ID NO:14:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
 GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGAAG UGUGUGAGUA 50
 ACGAUCACUU GGUACUAAAA GCCCGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:15:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 100 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:
 GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAUCGAA AGUGUACUGA 50
 AUUAGAACGG UGGGCCUGCU CAUCGUGCUC CGCCAGAGAC CAACCGAGAA 100

(2) INFORMATION FOR SEQ ID NO:16:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 103 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:
 GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAAUCGUA AUGUGGAUGA 50
 UAGCACGAUG GCAGYAGUAG UCGGACCGCG CUCCGCCAGA GACCAACCGA 100
 GAA 103

(2) INFORMATION FOR SEQ ID NO:17:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:
 GGGAAAAGCG AAUCAUACAC AAGACAGCGG CGGAGUCAGU GAAAGCGUGG 50
 GGGGYGCGGG AGGUCUACCC UGACGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:18:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:
 GGGAAAAGCG AAUCAUACAC AAGACGGCUG UGUGUGGUAG CGUCAUAGUA 50
 GGAGUCGUCA CGAACCAAGG CGCUCCGCCA GAGACCAACC GAGAA 95

(2) INFORMATION FOR SEQ ID NO:19:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:
GGGAAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA 50
GUAGGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:20:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:20:

GGGAAAAGCG AAUCAUACAC AAGACGAUGC GAGGCAAGAA AUGGAGUCGU 50
UACGAACCCU CUUGCAGUGC GCGGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:21:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 95 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:21:

GGGAAAAGCG AAUCAUACAC AAGACGUGCG GAGCAAAUAG GGGAUCAUGG 50
AGUCGUACGA ACCGUUAUCG CGCUCCGCCA GAGACCAACC GAGAA 95

(2) INFORMATION FOR SEQ ID NO:22:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:

GGGAAAAGCG AAUCAUACAC AAGACUGGGG AGCAGGAUUAU GAGAUGUGCG 50
GGGCAAUGGA GUUGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:23:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 95 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:

GGGAAAAGCG AAUCAUACAC AAGAGUCCGC CCCAGGGAU GCAACGGGGU	50
GGCUCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCAACC GAGAA	95

(2) INFORMATION FOR SEQ ID NO:24:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 94 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:24:

GGGAAAAGCG AAUCAUACAC AAGAGAGAAU GAGCAUGGCC GGGGCAGGAA	50
GUGGGUGGCA ACGGAGGCCA GCUCGCCAG AGACCAACCG AGAA	94

(2) INFORMATION FOR SEQ ID NO:25:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 95 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:25:

GGGAAAAGCG AAUCAUACAC AAGAGAUACA GCGCGGGUCU AAAGACCUUG	50
CCCCUAGGAU GCAACGGGGU GGCUCGCCA GAGACCAACC GAGAA	95

(2) INFORMATION FOR SEQ ID NO:26:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 97 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:26:

GGGAAAAGCG AAUCAUACAC AAGAUGAAGG GUGGUAAGAG AGAGUCUGAG	50
CUCGUCCUAG GGAUGCAACG GCAGCUCCGC CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:27:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 99 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:

GGGAAAAGCG AAUCAUACAC AAGACAAACC UGCAGUCGCG CGGUGAAACC	50
UAGGGUUGCA ACGGUACAUC GCUGUGCUCG GCCAGAGACC AACCGAGAA	99

(2) INFORMATION FOR SEQ ID NO:28:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:28:

GGGAAAAGCG AAUCAUACAC AAGAGUGGAC UGGAAUCUUC GAGGACAGGA	50
ACGUUCCUAG GGAUGCAACG GACGCUCCGC CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:29:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:

GGGAAAAGCG AAUCAUACAC AAGAGUGUAC CAAUGGAGGC AAUGCUGCGG	50
GAAUGGAGGC CUAGGGAUGC AACGCUCCGC CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:30:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:
 GGGAAAAGCG AAUCAUACAC AAGAGUCCCU AGGGAUGCAA CGGGCAGCAU 50
 UCGCAUAGGA GUAAUCGGAG GUCGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:31:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:31:
 GGGAAAAGCG AAUCAUACAC AAGAGCCUAG GGAUGCAACG GCGAAUGGAU 50
 AGCGAUGUCG UGGACAGCCA GGUGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:32:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:32:
 GGGAAAAGCG AAUCAUACAC AAGAAUCGAA CCUAGGGAUG CAACGGUGAA 50
 GGUUGUGAGG AUUCGCCAUU AGGCGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:33:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:33:
 GGGAAAAGCG AAUCAUACAC AAGAGCUAGG GAUGCCGCAG AAUGGUCGCG 50
 GAUGUAAUAG GUGAAGAUUG UUGCGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:34:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:
 GGGAAAAGCG AAUCAUACAC AAGAGGACCU AGGGAUGCAA CGGUCCGACC 50
 UUGAUGCGCG GGUGUCCAAG CUACGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:35:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:35:
 GGGAAAAGCG AAUCAUACAC AAGAAAGGGA GGAGCUAGAG AGGGAAAGGU 50
 UACUACGCGC CAGAAUAGGA UGUGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:36:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:36:
 GGGAAAAGCG AAUCAUACAC AAGACCAACG UACAUCGCGA GCUGGUGGAG 50
 AGUUCAUGAG GGUGUUACGG GGUGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:37:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:37:

GGGAAAAGCG AAUCAUACAC AAGACCCAAC GUGUCAUCGC GAGCUGGCGG	50
AGAGUUCAUG AGGGUUACGG GUGCUCCGCC AGAGACCAAC CGAGAA	96

(2) INFORMATION FOR SEQ ID NO:38:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 98 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:38:

GGGAAAAGCG AAUCAUACAC AAGAGUUGGU GCGAGCUGGG GCGGCGAGAA	50
GGUAGGCGGU CCGAGUGUUC GAAUGCUCGG CCAGAGACCA ACCGAGAA	98

(2) INFORMATION FOR SEQ ID NO:39:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 98 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:39:

GGGAAAAGCG AAUCAUACAC AAGACUGGCA AGRAGUGCGU GAGGGUACGU	50
UAGGGGUGUU UGGGCCGAUC GCAUGCUCGG CCAGAGACCA ACCGAGAA	98

(2) INFORMATION FOR SEQ ID NO:40:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:40:

GGGAAAAGCG AAUCAUACAC AAGAUUGGUC GUACUGGACA GAGCCGUGGU	50
AGAGGGAUUG GGACAAAGUG UCAGCUCCGC CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:41:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 99 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:41:
 GGGAAAAGCG AAUCAUACAC AAGAUGUGAG AAAGUGGCCA ACUUUAGGAC 50
 GUCGUGGAC UGYGCGGGUA GGCUCGCUCC GCCAGAGACC AACCGAGAA 99

(2) INFORMATION FOR SEQ ID NO:42:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:42:
 GGGAAAAGCG AAUCAUACAC AAGACAGGCA GAUGUGUCUG AGUUCGUCGG 50
 AGUAGACGUC GGUGGACGCG GAACGCUCCG CCAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:43:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:43:
 GGGAAAAGCG AAUCAUACAC AAGAUGUGAU UAGGCAGUUG CAGCCGCCGU 50
 CGCGAGACGU GACUCGAGGA UUCGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:44:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:44:
 GGGAAAAGCG AAUCAUACAC AAGAUGCCGG UGGAAAGGCG GGUAGGUGAC 50
 CCGAGGAUUC CUACCAAGCC AUGCUCCGCC AGAGACCAAC CGAGAA 96

(2) INFORMATION FOR SEQ ID NO:45:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 93 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:45:

GGGAAAAGCG AAUCAUACAC AAGAGAGGUG RAUGGGAGAG UGGAGCCCCG	50
GUGACUCGAG GAUUCCCGUG CUCCGCCAGA GACCAACCGA GAA	93

(2) INFORMATION FOR SEQ ID NO:46:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:46:

GGGAAAAGCG AAUCAUACAC AAGAGUCAUG CUGUGGCUGA ACAUACUGGU	50
GAAAGUUCAG UAGGGUGGAU ACAGCUCCGC CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:47:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 96 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:47:

GGGAAAAGCG AAUCAUACAC AAGACCGGGG AUGGUGAGUC GGGCAGUGUG	50
ACCGAACUGG UGCCCCGUGA GAGCUCCGCC AGAGACCAAC CGAGAA	96

(2) INFORMATION FOR SEQ ID NO:48:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:48:
 GGGAAAAGCG AAUCAUACAC AAGAACACUA ACCAGGUCUC UGAACGCGGG 50
 ACGGAGGUGU GGGCGAGGUG GAAGCUCCGC CAGAGACCAA CCGAGAA 97

(2) INFORMATION FOR SEQ ID NO:49:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 99 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:49:
 GGGAAAAGCG AAUCAUACAC AAGACCGUCU CCGAGAACC AGGCAGAGGA 50
 CGUGCUGAAG GAGCUGCAUC UAGAAGCUCC GCCAGAGACC AACCGAGAA 99

(2) INFORMATION FOR SEQ ID NO:50:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 99 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:50:
 GGGAAAAGCG AAUCAUACAC AAGACCGUCU CCGAGAACCA GGCAGAGGAG 50
 GUGCUGAAGG RGCUGGCAUC UACAAGCUCC GCCAGAGACC AACCGAGAA 99

(2) INFORMATION FOR SEQ ID NO:51:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:51:
 GGGAAAAGCG AAUCAUACAC AAGACCCGCA CAUAAUGUAG GGAACAAUGU 50
 UAUGGCGGAA UUGAUAAACG GUGCUCGCC AGAGACCAAC CGAGAA 96

(2) INFORMATION FOR SEQ ID NO:52:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 98 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:52:
 GGGAAAAGCG AAUCAUACAC AAGACGAUGU UAGCGCCUCC GGGAGAGGUU 50
 AGGGUCGUGC GGNAAGAGUG AGGUGCUC CGAGAGACCA ACCGAGAA 98

(2) INFORMATION FOR SEQ ID NO:53:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 99 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:53:
 GGGAAAAGCG AAUCAUACAC AAGAGGUACG GGCGAGACGA GAUGGACUUA 50
 UAGGUCGAUG AACGGGUAGC AGCUCGCUCG GCCAGAGACC AACCGAGAA 99

(2) INFORMATION FOR SEQ ID NO:54:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:54:
 GGGAAAAGCG AAUCAUACAC AAGACGGUUG CUGAACAGAA CGUGAGUCUU 50
 GGUGAGUCGC ACAGAUUGUC CUGCUCGCC AGAGACCAAC CGAGAA 96

(2) INFORMATION FOR SEQ ID NO:55:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:55:

GGGAAAAGCG AAUCAUACAC AAGAACUGAG UAAGGUCUGG CGUGGCAUUA	50
GGUUAGUGGG AGGCUUGGAG UAGGCUCCGC CAGAGACCAA CCGAGAA	97

(2) INFORMATION FOR SEQ ID NO:56:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 20 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:56:

AAGACUCGGC GGGAACGAAA 20

(2) INFORMATION FOR SEQ ID NO:57:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 16 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:57:

GGAGUCGUGA CGAACC 16

(2) INFORMATION FOR SEQ ID NO:58:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 16 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:58:

CCUAGGGAUG CAACGG 16

(2) INFORMATION FOR SEQ ID NO:59:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:59:
 RCUGGGAGRG UGGGUGUU 18

(2) INFORMATION FOR SEQ ID NO:60:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 42 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:60:
 UGUGNNNNNAG UNNNNNNNNNN UAGACGUCGG UGGACNNNGC GG 42

(2) INFORMATION FOR SEQ ID NO:61:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 21 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:61:
 GGGNNNGUGA CYCGRGGAYU C 21

(2) INFORMATION FOR SEQ ID NO:62:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 23 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:62:
 UGANCNNACU GGUGNNNGNG NAG 23

(2) INFORMATION FOR SEQ ID NO:63:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 32 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:63:
 GUCUCYGAAC NNGGNAGGAN GUGNUGGAGN UG 32

(2) INFORMATION FOR SEQ ID NO:64:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:64:
 GGGAGGACGA UGCGGNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN 50
 NNNNNCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:65:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 32 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:65:
 TAATACGACT CACTATAGGG AGGACGATGC GG 32

(2) INFORMATION FOR SEQ ID NO:66:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 17 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:66:
 TCGGGCGAGT CGTCCTG 17

(2) INFORMATION FOR SEQ ID NO:67:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:67:
 GGGAGGACGA UGCGGCGCGU AUGUGUGAAA GCGUGUGCAC GGAGGCGUCU 50
 ACAAUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:68:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:68:
 GGGAGGACGA UGCGGGGCAU UGUGUGAAUA GCUGAUCCCA CAGGUAACAA 50
 CAGCACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:69:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:69:
 GGGAGGACGA UGCGGUAAUG UGUGAAUCAA GCAGUCUGAA UAGAUUAGAC 50
 AAAAUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:70:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:70:
 GGGAGGACGA UGCGGAUGUG UGAGUAGCUG AGCGCCCCGAG UAUGAWACCU 50

(2) INFORMATION FOR SEQ ID NO:71:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:71:

GGGAGGACGA UGCGGAAACC UUGAUGUGUG AUAGAGCAUC CCCCAGGCCGA 50
CGUACCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:72:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 70 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:72:

GGGAGGACGA UGCGGUUGAG AUGUGUGAGU ACAAGCUCAA AAUCCCGUUG 50
GAGGCAGACG ACUCGCCCCG 70

(2) INFORMATION FOR SEQ ID NO:73:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:73:

GGGAGGACGA UGCGGUAGAG GUAGUAUGUG UGGGAGAUGA AAUACUGUG 50
GAAAGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:74:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:74:
 GGGAGGACGA UGCGGAAAGU UAUGAGUCCG UAUAUCAAGG UCGACAUGUG 50
 UGAAUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:75:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:75:
 GGGAGGACGA UGCGGCACGA AAAACCCGAA UUGGGUCGCC CAUAAGGAUG 50
 UGUGACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:76:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:76:
 GGGAGGACGA UGCGGGUAAA GAGAUCCUAA UGGCUCGCUA GAUGUGAUGU 50
 GAAACCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:77:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:77:
 GGGAGGACGA UGCGGUAACA ACAAUCAAGG CGGGUUCACC GCCCCAGUAAU 50
 GAGUGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:78:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:78:
 GGGAGGACGA UGCGGUAACA ACAAUCAAGG CGGGUUYACC GCCCCAGUAU 50
 GAGUACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:79:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:79:
 GGGAGGACGA UGCGGUAACA ACAAUCAAGG CGGGUUYACC GCUCCAGUAU 50
 GAGUACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:80:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:80:
 GGGAGGACGA UGCGGUAACA ACAAUCAAGG CGGGUUCACC GCCCCAGUAU 50
 GAGUGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:81:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:81:
GGGAGGACGA UGCGGACCAA GCAAUCUAUG GUCGAACGCU ACACAUGAAU 50
GACGUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:82:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:82:
GGGAGGACGA UGCGGGAACA UGAAGUAAUC AAAGUCGUAC CAAUAUACAG 50
GAAGCCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:83:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 70 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:83:
GGGAGGACGA UGCGGGACAU GAAGUAAGAC CGUCACAAUU CGAAUGAUUG 50
AAUACAGACG ACUCGCCCCGA 70

(2) INFORMATION FOR SEQ ID NO:84:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 72 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:84:
GGGAGGACGA UGCGGGAACA UGAAGUAAAA AGUCGACGAA UUAGCUGUAA 50
CCAAAACAGA CGACUCGCCCC GA 72

(2) INFORMATION FOR SEQ ID NO:85:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:
 GGGAGGACGA UGCGGGAACA UGAAGUAAAA GUCUGAGUUA GUAAAUUACA 50
 GUGAUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:86:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 72 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:86:
 GGGAGGACGA UGCGGGAACU UGAAGUUGAA NUCGCUAAGG UUAUGGAUUC 50
 AAGAUUCAGA CGACUGCCCC GA 72

(2) INFORMATION FOR SEQ ID NO:87:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:87:
 GGGAGGACGA UGCGGAACAU GAAGUAAUAA GUCGACGUAA UUAGCUGUAA 50
 CUAACAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:88:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:88:
 GGGAGGACGA UGCGGAACAU GAAGUAAAAG UCUGAGUUAG AAUUAACAAG 50

(2) INFORMATION FOR SEQ ID NO:89:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:89:

GGGAGGACGA UGCGGUAACA UAAAGUAGCG CGUCUGUGAG AGGAAGUGCC 50
UGGAUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:90:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:90:

GGGAGGACGA UGCGGAUAGA ACCGCAAGGA UAACCUCGAC CGUGGUCAAC 50
UGAGACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:91:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 70 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:91:

GGGAGGACGA UGCGGUAAGA ACCGCUAGCG CACGAUCAAA CAAAGAGAAA 50
CAAACAGACG ACUCGCCCCGA 70

(2) INFORMATION FOR SEQ ID NO:92:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:92:
 GGGAGGACGA UGCGGUUCUC UCCAAGAACY GAGCGAAUAA ACSACCGGAS 50
 UCACACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:93:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:93:
 GGGAGGACGA UGCGGUGUCU CUCCUGACUU UUAUUCUUAG UUCGAGCUGU 50
 CCUGGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:94:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:94:
 GGGAGGACGA UGCGGCCGUA CAUGGUAARC CUCGAAGGAU UCCCCGGAUG 50
 AUCCCCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:95:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:95:
 GGGAGGACGA UGCGGUCCCCA GAGUCCCGUG AUGCGAAGAA UCCAUUAGUA 50
 CCAGACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:96:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:96:
 GGGAGGACGA UGCGGGAUGU AAAUGACAAA UGAACCUCGA AAGAUUGCAC 50
 ACUCCAGACG ACUCGCCCCGA 70

(2) INFORMATION FOR SEQ ID NO:97:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 72 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:97:
 GGGAGGACGA UGCGGAUGUA AAUCUAGGCA GAAACGUAGG GCAUCCACCG 50
 CAACGACAGA CGACUCGCCC GA 72

(2) INFORMATION FOR SEQ ID NO:98:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:98:
 GGGAGGACGA UGCGGAUAAC CCAAGCAGCN UCGAGAAAGA GCUCCAUAGA 50
 UGAUCAGACG ACUCGCCCCGA 70

(2) INFORMATION FOR SEQ ID NO:99:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:99:
GGGAGGACGA UGCGGCAAAG CACGCGUAUG GCAUGAAACU GGCANCCCCAA 50
GUAAGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:100:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:100:
GGGAGGACGA UGCGGCAAAA GGUUGACGUA GCGAAGCUCU CAAAUGGUC 50
AUGACCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:101:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 70 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:101:
GGGAGGACGA UGCGGAAGUG AAGCUAAAGC GGAGGGCCAU UCAGUUUCNC 50
ACCACAGACG ACUCGCCCCG A 70

(2) INFORMATION FOR SEQ ID NO:102:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 70 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:102:
GGGAGGACGA UGCGGAAGUG AAGCUAAAGS GGAGGGCCAC UCAGAAACGC 50
ACCACAGACG ACUCGCCCCG A 70

(2) INFORMATION FOR SEQ ID NO:103:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:103:
 GGGAGGACGA UGCGGCACCG CUAAGCAGUG GCAUAGCCCA GUAACCUGUA 50
 AGAGACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:104:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 67 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:104:
 GGGAGGACGA UGCGGCACGC UAAGCAGUGG CAUAGCGWAA CCUGUAAGAG 50
 ACAGACGACU CGCCCCG 67

(2) INFORMATION FOR SEQ ID NO:105:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:105:
 GGGAGGACGA UGCGGAGAUU ACCAUAACCG CGUAGUCGAA GACAUAUAGU 50
 AGCGACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:106:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:106:
 GGGAGGACGA UGCGGACUCG GGUAGAACGC GACUUGCCAC CACUCCCAUA 50

(2) INFORMATION FOR SEQ ID NO:107:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:107:

GGGAGGACGA UGCGGUCAGA ACUCUGCCGC UGUAGACAAA GAGGAGCUUA 50
GCGAACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:108:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:108:

GGGAGGACGA UGCGGAAUGA GCAUCGAGAG AGCGCGAACU CAUCGAGCGU 50
ACUACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:109:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:109:

GGGAGGACGA UGCGGCAAAG CACGCGUAUG GCAUGAAACU GGCANCCCCAA 50
GUAAGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:110:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:110:
 GGGAGGACGA UGCGGGAUGC AGCAACCUGA AACGCGCUC CACAGGUAUU 50
 AACAGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:111:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:111:
 GGGAGGACGA UGCGGAAACU CGCUACAAAC ACCCAAUCCU AGAACGUUAU 50
 GGAGACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:112:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:112:
 GGGAGGACGA UGCGGCUAGC AUAGCCACCG GAACAGACAG AUACGAGCAC 50
 GAUCACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:113:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:113:
 GGGAGGACGA UGCGGGAUUC GGAGUACUGA AAAACAACCC UCAAAAGUGC 50
 AUAGGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:114:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:114:
 GGGAGGACGA UGCGGGUCCA GGACGGACCG CAGCUGUGAU ACAAU CGACU 50
 UACACCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:115:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:115:
 GGGAGGACGA UGCGGAAACU CGCUACAAAC ACCCAAUCCU AGAACGUUUAU 50
 GGAGACAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:116:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:116:
 GGGAGGACGA UGCGGCGGCC CUUAUCGGAG GUCUGCGCCA CUAUUUACAU 50
 CCACCAGACG ACUCGCCCCGA 70

(2) INFORMATION FOR SEQ ID NO:117:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 67 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:117:
 GGGAGGACGA UGCGGUCCAG AGCGUGAAGA UCAACGUCCC GGNGUCGAAG 50
 ACAGACGACU CGCCCGA 67

(2) INFORMATION FOR SEQ ID NO:118:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 8 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:118:
 AUGUGUGA 8

(2) INFORMATION FOR SEQ ID NO:119:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 15 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:119:
 CAACAAUCAU GAGUR 15

(2) INFORMATION FOR SEQ ID NO:120:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 21 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂, cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂, uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:120:
 AACAUAGAAGU AAGUCARUUA G 21

(2) INFORMATION FOR SEQ ID NO:121:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 11 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA

(ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:121:
 AGAACCGCWA G 11

(2) INFORMATION FOR SEQ ID NO:122:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 7 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:122:
 UCUCUCC 7

(2) INFORMATION FOR SEQ ID NO:123:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 10 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:123:
 CGAAGAAUYC 10

(2) INFORMATION FOR SEQ ID NO:124:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 8 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:124:
 AUGUAAAU 8

(2) INFORMATION FOR SEQ ID NO:125:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 8 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:125:

AACCCAAG

8

(2) INFORMATION FOR SEQ ID NO:126:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 80 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:126:

CTACCTACGA TCTGACTAGC NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN 50

NNNNNNNNNN GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:127:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 20 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:127:

CTACCTACGA TCTGACTAGC 20

(2) INFORMATION FOR SEQ ID NO:128:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) FEATURE:

(D) OTHER INFORMATION: N AT POSITION 2 AND 4 IS BIOTIN

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:128:

ANANAGGAAC TACATGAGAG TAAGC 25

(2) INFORMATION FOR SEQ ID NO:129:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 80 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:129:

CTACCTACGA TCTGACTAGC GGAACACGTG AGGTTTACAA GGCACCTCGAC 50

GTAAACACTT GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:130:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 80 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:130:
 CTACCTACGA TCTGACTAGC CCCCGAAGAA CATTTTACAA GGTGCTAAAC 50
 GTAAAATCAG GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:131:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 80 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:131:
 CTACCTACGA TCTGACTAGC GGCATCCCTG AGTCATTACA AGGTTCTTAA 50
 CGTAATGTAC GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:132:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 80 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:132:
 CTACCTACGA TCTGACTAGC TGCACACCTG AGGGTTACAA GGCGCTAGAC 50
 GTAACCTCTC GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:133:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 80 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:133:
 CTACCTACGA TCTGACTAGC CACGTTTCAA GGGGTTACAC GAAACGATTC 50
 ACTCCTTGGC GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:134:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 79 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:134:
 CTACCTACGA TCTGACTAGC CGGACATGAG CGTTACAAGG TGCTAAACGT 50
 AACGTACTTG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:135:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:135:

CTACCTACGA TCTGACTAGC CGCATCCACA TAGTTCAAGG GGCTACACGA 50
 AATATTGCAG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:136:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:136:

CTACCTACGA TCTGACTAGC TACCCCTTGG GCCTCATAGA CAAGGTCTTA 50
 AACGTTAGCG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:137:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:137:

CTACCTACGA TCTGACTAGC CACATGCCTG ACGCGGTACA AGGCCTGGAC 50
 GTAACGTTGG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:138:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:138:

CTACCTACGA TCTGACTAGC TAGTGCTCCA CGTATTCAAG GTGCTAAACG 50
 AAGACGGCCT GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:139:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:139:

CTACCTACGA TCTGACTAGC AGCGATGCAA GGGGCTACAC GCAACGATT 50
 AGATGCTCTG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:140:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:140:

CTACCTACGA TCTGACTAGC CCAGGAGCAC AGTACAAGGT GTTAAACGTA 50
 ATGTCTGGTG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:141:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:141:

CTACCTACGA TCTGACTAGC ACCACACCTG GCGGTACAA GGAGTTATCC 50
 GTAACGTGTG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:142:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:142:

CTACCTACGA TCTGACTAGC CAAGGTAACC AGTACAAGGT GCTAAACGTA 50
 ATGGCTTCGG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:143:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:143:

CTACCTACGA TCTGACTAGC ACCCCCGACC CGAGTACAAG GCATTGACG 50
 TAATCTGGTG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:144:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:144:

CTACCTACGA TCTGACTAGC CAGTACAAGG TGTTAAACGT AATGCCGATC 50
 GAGTTGTATG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:145:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 81 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:145:

CTACCTACGA TCTGACTAGC ACAACGAGTA CAAGGAGATA GACGTAATCG	50
GCGCAGGTAT CGCTTACTCT CATGTAGTTC C	81

(2) INFORMATION FOR SEQ ID NO:146:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:146:

CTACCTACGA TCTGACTAGC CACGACAGAG AACAAGGCGT TAGACGTTAT	50
CCGACCACGG CTTACTCTCA TGTAGTTCC	79

(2) INFORMATION FOR SEQ ID NO:147:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:147:

CTACCTACGA TCTGACTAGC AGGGAGAACA AGGTGCTAAA CGTTTATCTA	50
CACTTCACCT GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:148:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:148:

CTACCTACGA TCTGACTAGC AGGACCAAGG TGTAAACGG CTCCCCCTGGC	50
TATGCCTCTT GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:149:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:149:

CTACCTACGA TCTGACTAGC TACACAAGGT GCTAAACGTA GAGCCAGATC	50
GGATCTGAGC GCTTACTCTC ATGTAGTTCC	80

(2) INFORMATION FOR SEQ ID NO:150:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:150:
 CTACCTACGA TCTGACTAGC GGACAAGGCA CTCGACGTAG TTTATAACTC 50
 CCTCCGGGCC GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:151:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 81 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:151:
 CTACCTACGA TCTGACTAGC TACACAAGGG GCCAAACGGA GAGCCAGACG 50
 CGGATCTGAC AGCTTACTCT CATGTAGTTC C 81

(2) INFORMATION FOR SEQ ID NO:152:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:152:
 CTACCTACGA TCTGACTAGC CGGCTATACN NGGTGCTAAA CGCAGAGACT 50
 CGATCAACAG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:153:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:153:
 CTACCTACGA TCTGACTAGC GAGTAGCCAA GCGGTTAGAC GGAGGGGGAA 50
 TGGAAGCTTG GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:154:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 73 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:154:
 CTACCTACGA TCTGACTAGC GAGTAGCCAA GCGGTTAGAC GGAGGGGGAA 50
 TGGGCTTACT CTCATGTAGT TCC 73

(2) INFORMATION FOR SEQ ID NO:155:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:155:

CTACCTACGA TCTGACTAGC GAGTAGCCAA GGC GTTAGAC GGAGGGGGAA 50
 TGTGAGCACA GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:156:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:156:

CTACCTACGA TCTGACTAGC TAGCTCCACA CACAASSCGC RGCACATAGG 50
 GGATATCTGG GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:157:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:157:

CTACCTACGA TCTGACTAGC CATCAAGGAC TTTGCCCGAA ACCCTAGGTT 50
 CACGTGTGGG GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:158:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:158:

CTACCTACGA TCTGACTAGC CATTACCAT GGCCCCTTCC TACGTATGTT 50
 CTGCGGGTGG CTTACTCTCA TG TAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:159:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:159:

CTACCTACGA TCTGACTAGC GCAACGTGGC CCCGTTTAGC TCATTGACC 50
 GTTCCATCCG GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:160:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:160:

CTACCTACGA TCTGACTAGC CCACAGACAA TCGCAGTCCC CGTGTAGCTC 50
 TGGGTGTCTG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:161:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:161:

CTACCTACGA TCTGACTAGC CCACCGTGAT GCACGATACA TGAGGGTGTG 50
 TCAGCGCATG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:162:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:162:

CTACCTACGA TCTGACTAGC CGAGGTAGTC GTTATAGGGT RCRACGACA 50
 CAAARCRGTR GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:163:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:163:

CTACCTACGA TCTGACTAGC TGGCGGTACG GGCCGTGCAC CCACTTACCT 50
 GGAAGTGAG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:164:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 81 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:164:

CTACCTACGA TCTGACTAGC CTCTGCTTAC CTCATGTAGT TCCAAGCTTG 50
 GCGTAATCAT GGCTTACTCT CATGTAGTTC C 81

(2) INFORMATION FOR SEQ ID NO:165:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:165:

CTACCTACGA TCTGACTAGC AGCGTTGTAC GGGGTTACAC ACAACGATTT
AGATGCTCTG CTTACTCTCA TGTAGTTCC

50
79

(2) INFORMATION FOR SEQ ID NO:166:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 81 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:166:

CTACCTACGA TCTGACTAGC TGATGCGACT TTAGTCGAAC GTTACTGGGG
CTCAGAGGAC AGCTTACTCT CATGTAGTTC C

50
81

(2) INFORMATION FOR SEQ ID NO:167:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 81 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:167:

CTACCTACGA TCTGACTAGC CGAGGATCTG ATACTTATTG AACATAMCCG
CACNCAGGCT TGCTTACTCT CATGTAGTTC C

50
81

(2) INFORMATION FOR SEQ ID NO:168:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 73 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:168:

CTACCTACGA TCTGACTAGC CGATCGTGTG TCATGCTACC TACGATCTGA
CTAGCTTACT CTCATGTAGT TCC

50
73

(2) INFORMATION FOR SEQ ID NO:169:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:169:

CTACCTACGA TCTGACTAGC GCACACAAGT CAAGCATGCG ACCTTCAACC
ATCGACCCGA GCTTACTCTC ATGTAGTTCC

50
80

(2) INFORMATION FOR SEQ ID NO:170:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:170:

CTACCTACGA TCTGACTAGC ATGCCAGTGC AGGCTTCCAT CCATCAGTCT 50
 GACANNNNNN GCTTACTCT CATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:171:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:171:

CTACCTACGA TCTGACTAGC CACTTCGGCT CTACTCCACC TCGGTCCTCC 50
 ACTCCACAG GCTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:172:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:172:

CTACCTACGA TCTGACTAGC CGCTAACTGA CCCTCGATCC CCCCAGCCA 50
 TCCTCATCGC GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:173:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 90 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:173:

CTACCTACGA TCTGACTAGC ATCTGACTAG CTCGGCGAGA GTACCCGCTC 50
 ATGGCTTCGG CGAATGCCCT GCTTACTCTC ATGTAGTTCC 90

(2) INFORMATION FOR SEQ ID NO:174:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:174:

CTACCTACGA TCTGACTAGC TCCTGAGACG TTACAATAGG CTGCGGTACT 50
 GCAACGTGGA GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:175:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:175:

CTACCTACGA TCTGACTAGC CGGCAGGGCA CTAACAAGGT GTTAAACGTT 50
 ACGGATGCCG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:176:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 90 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:176:

CTACCTACGA TCTGACTAGC TGCACACCGG CCCACCCGGA CAAGGCGCTA 50
 GACGAAATGA CTCTGTTCTG GCTTACTCTC ATGTAGTTCC 90

(2) INFORMATION FOR SEQ ID NO:177:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:177:

CTACCTACGA TCTGACTAGC GACGAAGAGG CCAAGGTGAT AACCGGAGTT 50
 TCCGTCCGCG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:178:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 79 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:178:

CTACCTACGA TCTGACTAGC AAGGACTTAG CTATCCAAGG CACTCGACGA 50
 AGAGCCCGAG CTTACTCTCA TGTAGTTCC 79

(2) INFORMATION FOR SEQ ID NO:179:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:179:

CTACCTACGA TCTGACTAGC ATGCCAGTT CAAGGTTCTG ACCGAAATGA 50
 CTCTGTTCTG GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:180:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 80 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:180:
 CTACCTACGA TCTGACTAGC GCAGCGTGGC CCTGTTTAGC TCATTTGACC 50
 GTTCCATCCG GCTTACTCTC ATGTAGTTCC 80

(2) INFORMATION FOR SEQ ID NO:181:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 18 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:181:
 TACAAGGYGY TAVACGTA 18

(2) INFORMATION FOR SEQ ID NO:182:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 8 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:182:
 GGCCCCGT 8

(2) INFORMATION FOR SEQ ID NO:183:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 10 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:183:
 RCACGAYACA 10

(2) INFORMATION FOR SEQ ID NO:184:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 7 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:184:
 CTTACCT 7

(2) INFORMATION FOR SEQ ID NO:185:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 49 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:185:
 TAGCCAAGGT AACCAGTACA AGGTGCTAAA CGTAATGGCT TCGGCTTAC 49

(2) INFORMATION FOR SEQ ID NO:186:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 41 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:186:
 GTAACCAAGTA CAAGGTGCTA AACGTAATGG CTTGGGCTTA C 41

(2) INFORMATION FOR SEQ ID NO:187:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 26 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:187:
 CCAGTACAAG GTGCTAAACG TAATGG 26

(2) INFORMATION FOR SEQ ID NO:188:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 38 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:188:
 CGCGGTAACC AGTACAAGGT GCTAAACGTA ATGGCGCG 38

(2) INFORMATION FOR SEQ ID NO:189:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 36 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:189:
 GCGGTAACCA GTACAAGGTG CTAAACGTAA TGGCGC 36

(2) INFORMATION FOR SEQ ID NO:190:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 50 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:190:
ACATGAGCGT TACAAGGTGC TAAACGTAAC GTACTTGCTT ACTCTCATGT 50

- (2) INFORMATION FOR SEQ ID NO:191:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 44 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:191:
CGCGCGTTAC AAGGTGCTAA ACGTAACGTA CTTGCTTACT CGCG 44

- (2) INFORMATION FOR SEQ ID NO:192:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 26 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:192:
GCGTTACAAG GTGCTAAACG TAACGT 26

- (2) INFORMATION FOR SEQ ID NO:193:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 52 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:
(ix) FEATURE:
(D) OTHER INFORMATION: N at position 1 is an amino
modifier C6 dT
(ix) FEATURE:
(D) OTHER INFORMATION: Nucleotide 51 is an inverted-
orientation (3'3' linkage) phosphoramidite

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:193:
NTAGCCAAGG TAACCACTAC AAGGTGCTAA ACGTAATGGC TTCGGCTTAC 50
TT 52

- (2) INFORMATION FOR SEQ ID NO:194:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 48 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: DNA
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:194:
TAGCCATTCA CCATGGCCCC TTCCTACGTA TGTTCTGCGG GTGGCTTA 48

- (2) INFORMATION FOR SEQ ID NO:195:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 47 base pairs
(B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:195:
 AGCTGGCGGT ACGGGCCGTG CACCCACTTA CCTGGGAAGT GAGCTTA 47

(2) INFORMATION FOR SEQ ID NO:196:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 29 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: N at position 1 is an amimo
 modifier C6 dT
 (ix) FEATURE:
 (D) OTHER INFORMATION: Nucleotide number 28 is an
 inverted-orientation (3'3' linkage) phosphoramidite
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:196:
 NCCAGTACAA GGTGCTAAAC GTAATGGTT 29

(2) INFORMATION FOR SEQ ID NO:197:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH:40 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:197:
 TAATACGACT CACTATAGGG AGACAAGAAT AAACGCTCAA 40

(2) INFORMATION FOR SEQ ID NO:198:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 24 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: DNA
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:198:
 GCCTGTTGTG AGCCTCCTGT CGAA 24

(2) INFORMATION FOR SEQ ID NO:199:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:199:

GGGAGACAAG AAUAAACGCU CAACGAAUCA GUAAACAUAA CACCAUGAAA 50
CAUAAAUAGC ACGCGAGACG UCUUCGACAG GAGGCUCACA ACAGGC 96

- (2) INFORMATION FOR SEQ ID NO:200:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 95 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE: RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:200:
- GGGAGACAAG AAUAAACGCU CAACGAGUUC ACAUGGGAGC AAUCUCCGAA 50
UAAACAACAC GCKAKCGCAA AUUCGACAGG AGGCUCACAA CAGGC 95

- (2) INFORMATION FOR SEQ ID NO:201:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 96 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE: RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:201:
- GGGAGACAAG AAUAAACGCU CAACGACCAC AAUACAAACU CGUAUGGAAC 50
ACGCGAGCGA CAGUGACGCA UUUUCGACAG GAGGCUCACA ACAGGC 96

- (2) INFORMATION FOR SEQ ID NO:202:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE: RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:202:
- GGGAGACAAG AAUAAACGCU CAACGUCAAG CCAGAAUCCG GAACACGCGA 50
GAAAACAAAU CAACGACCAA UCGAUUCGAC AGGAGGCUCA CAAAGGC 97

- (2) INFORMATION FOR SEQ ID NO:203:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:203:
 GGGAGACAAG AAUAAACNCU CAACGACCAC AAUAACCGGA AAUCCCCGCG 50
 GUUACGGAAC ACGCGAACAU GAAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:204:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:204:
 GGGAGACAAG AAUAAACGCU CAACGAACCA CGGGGAAAUC CACCAGUAAC 50
 ACGCGAGGCA AACAGACCCU CUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:205:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:205:
 GGGAGACAAG AAUAAACGCU CAACGAGCAA AAGUACUCAC GGGACCAGGA 50
 GAUCAGCAAC ACGCGAGACG AAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:206:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:206:
 GGGAGACAAG AAUAAACGCU CAACGAGCCA GGAACAUCCA CGUCAGCAAA 50
 CGCGAGCGCA ACCAGUAACA CCUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:207:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 94 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:207:

GGGAGACAAG AAUAAACGCU CAACGCACCA GGAACAACGA GAACCAUCAG	50
UAAACGCGAG CGAUUGCAUG UUCGACAGGA GGCUCACAAC AGGC	94

(2) INFORMATION FOR SEQ ID NO:208:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 94 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:208:

GGGAGACAAG AAUAAACGCU CAACGCACCA GGAACAACAA GAACCAUCAG	50
UAAGCGCGAG CGAUUGCAUA UUCGACAGGA GGCUCACAAC AGGC	94

(2) INFORMATION FOR SEQ ID NO:209:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 101 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:209:

GGGAGACAAG AAUAAACGCU CAACGAGCAA GGAACGAAUA CAAACCAGGA	50
AACUCAGCAA CACGCGAGCA GUAAGAAUUC GACAGGAGGC UCACAACAGG	100
C	101

(2) INFORMATION FOR SEQ ID NO:210:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:210:
 GGGAGACAAG AAUAAACGCU CAACAGUUCA CUCAACCGGC ACCAGACUAC 50
 GAUCAGCAUU GCGGAGUGAA CACUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:211:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:211:
 GGGAGACAAG AAUAAACGCU CAACUGGCAA CGGGAUAACA ACAAUGUCA 50
 CCAGCACUAG CGAGACGGAA GGUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:212:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:212:
 GGGAGACAAG AAUAAACGCU CAACGAUGAG CGUGACCGAA GCUAUAAUCA 50
 GGUCGAUUA CCAAGCAAUC UUAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:213:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:213:
 GGGAGACAAG AAUAAACGCU CAAAGGAUCA CACAAACAUC GGUCAAUAAA 50
 UAAGUAUUGA UAGCGGGGAU AUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:214:
 (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 97 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:214:

GGGAGACAAG AAUAAACGCU CAACAACCCA ACCAUCUAGA GCUUCGAACC	50
AUGGUUAUACA AGGGAACACA AAUUCGCGG AGGCUCCAAC AGGCGGC	97

(2) INFORMATION FOR SEQ ID NO:215:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 96 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY:linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:215:

GGGAGACAAG AAUAAACGCU CAAGCGGUCA GAAACAAUAG CUGGAUACAU	50
ACCGCGCAUC CGCUGGGCGA UAUUCGACAG GAGGCUCACA ACAGGC	96

(2) INFORMATION FOR SEQ ID NO:216:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:216:

GGGAGACAAG AAUAAACGCU CAAACAAGAG AGUCAACCA AGUGAGAUCA	50
GAGCGUUUAG CGCGGAAAGC ACAUUCGACA GGAGGCUCAC AACAGGC	97

(2) INFORMATION FOR SEQ ID NO:217:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 96 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:217:
 GGGAGACAAG AAUAAACGCU CAAACUCGAC UAGUAAUCAC CCUAGCAUAA 50
 AUCUCCUCGA GCACAGACGA UAUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:218:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 94 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:218:

GGGAGACAAG AAUAAACGCU CAAUCAGCAG UAAGCGAUCC UAUAAAGAUC 50
 AACUAGCCAA AGAUGACUUA UUCGACAGGA GGCUCACAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:219:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 95 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:219:

GGGAGACAAG AAUAAACGCU CAAAAGACG UAUUCGAUUC GAAACGAGAA 50
 AGACUUCAAG UGAGCCCGCA GUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:220:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 49 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:220:

CUCAACGAU CAGUAAACAU AACACCAUGA AACAUAAUA GCACGCGAG 49

(2) INFORMATION FOR SEQ ID NO:221:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 47 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:221:
 CUCAACGAGU UCACAUGGGA GCAAUCUCCG AAUAAACAAC ACGCGAG 47

(2) INFORMATION FOR SEQ ID NO:222:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 39 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:222:
 CUCAACGAAC CACGGGGAAA UCCACCAGUA ACACGCGAG 39

(2) INFORMATION FOR SEQ ID NO:223:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 38 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:223:
 CUCAACGAGC CAGGAACAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:224:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 42 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:224:
 CGCUCAACGA GCCAGGAACA UCGACGUCAG CAAACGCGAG CG 42

(2) INFORMATION FOR SEQ ID NO:225:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 35 base pairs
 (B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:225:
 CUCAACGAGC CAGGACUACG AUCAGCAAAC GCGAG

35

(2) INFORMATION FOR SEQ ID NO:226:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 42 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:226:
 CUCAACGCAC CAGGAACAAC GAGAACCAUC AGUAAACGCG AG

42

(2) INFORMATION FOR SEQ ID NO:227:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 42 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:227:
 CUCAACGCAC CAGGAACAAC AAGAACCAUC AGUAAGCGCG AG

42

(2) INFORMATION FOR SEQ ID NO:228:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 40 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:228:
 CACUCAACCG GCACCAGACU ACGAUCAGCA UUGGCGAGUG

40

(2) INFORMATION FOR SEQ ID NO:229:
 (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 45 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:229:
 GAAUCCGGA CACGCGAGAA AACAAUCAA CGACCAUCG AUUCG 45

(2) INFORMATION FOR SEQ ID NO:230:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 38 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (ix) FEATURE:
 (B) LOCATION: 7, 9, 14, 21
 (D) OTHER INFORMATION: G are 2'-O-methyl guanine
 (ix) FEATURE:
 (B) LOCATION: 8, 15, 18, 22, 27, 31
 (D) OTHER INFORMATION: A are 2'-O-methyl adenine
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:230:
 CUCAACGAGC CAGGAACAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:231:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 38 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (ix) FEATURE:
 (B) LOCATION:7, 9, 13, 14, 21, 24, 28
 (D) OTHER INFORMATION: G are 2'-O-methyl-guanine
 (ix) FEATURE:
 (B) LOCATION:8, 15, 18, 22, 27, 30, 31
 (D) OTHER INFORMATION: A are 2'-O-methyl-adenine
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:231:
 CUCAACGAGC CAGGAACAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:232:
 (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 38 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (ix) FEATURE:
 - (B) LOCATION: 7, 9, 14, 21, 36
 - (D) OTHER INFORMATION: G are 2'-O-methyl-guanine
- (ix) FEATURE:
 - (B) LOCATION:8, 15, 18, 22, 27, 31, 37
 - (D) OTHER INFORMATION: A are 2'-O-methyl-adenine
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:232:

CUCAACGAGC CAGGAACAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:233:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 38 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (ix) FEATURE:
 - (B) LOCATION: 7, 9, 13, 14, 21, 24, 28, 36
 - (D) OTHER INFORMATION: G are 2'-O-methyl-guanine
- (ix) FEATURE:
 - (B) LOCATION: 8, 15, 18, 22, 27, 30, 31, 37
 - (D) OTHER INFORMATION: A are 2'-O-methyl-adenine
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:233:

CUCAACGAGC CAGGAACAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:234:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 38 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (ix) FEATURE:
 - (B) LOCATION:7, 9, 14
 - (D) OTHER INFORMATION: G are 2'-O-methyl-guanine
- (ix) FEATURE:
 - (B) LOCATION:8, 15, 18, 27, 31

(D) OTHER INFORMATION: A are 2'-O-methyl-adenine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:234:
CUCAACGAGC CAGGAACAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:235:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 38 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(ix) FEATURE:
(B) LOCATION: 7, 9, 13, 14, 24
(D) OTHER INFORMATION: G are 2'-O-methyl-guanine
(ix) FEATURE:
(B) LOCATION: 8, 15, 18, 22, 27, 31
(D) OTHER INFORMATION: A are 2'-O-methyl-adenine
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:235:
CUCAACGAGC CAGGAACAUC GACGUCAGCA AACGCGAG 38

(2) INFORMATION FOR SEQ ID NO:236:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 59 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:236:
CUCAACGAGC AAAAGUACUC ACGGGACCAG GAGAUAGCA ACACGCGAGA 50
CGAAAUUCG 59

(2) INFORMATION FOR SEQ ID NO:237:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 43 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE:RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:237:
CGCUCAACGA CCACAAUACA AACUCGUAUG GAACACGCGA GCG 43

(2) INFORMATION FOR SEQ ID NO:238:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 51 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:238:
 CGCUCAACUG GCAACGGGAU AACAACAAAU GUCACCAGCA CUAGCGAGAC 50
 G 51

(2) INFORMATION FOR SEQ ID NO:239:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 41 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:239:
 UCACUCAACC GGCACCAGAC UACGAUCAGC AUUGGCGAGU G 41

(2) INFORMATION FOR SEQ ID NO:240:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:240:
 GGGAGACAAG AAUAAACGCU CAACGAGCAA GGAACGAAUA CAAACCAGGA 50
 AACUCAGCAA CACGCGAGCA 70

(2) INFORMATION FOR SEQ ID NO:241:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 51 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:241:
CUCAACGACC ACAUAACCG GAAAUCCCCG CGGUUACGGA ACACGCGAAC 50
A 51

- (2) INFORMATION FOR SEQ ID NO:242:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 69 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE:RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:242:
AGAAUAAACG CUCAACGAUG AGCGUGACCG AAGCUAUAU CAGGUCGAU 50
CACCAAGCAA UCUUAUUCG 69

- (2) INFORMATION FOR SEQ ID NO:243:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 50 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE:RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:243:
ACGCUCAAAG GAUCACACAA ACAUCGGUCA AUAAAUAGU AUUGAUAGCG 50

- (2) INFORMATION FOR SEQ ID NO:244:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 52 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE:RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:244:
GCUCAAGCGG UCAGAAACAA UAGCUGGAUA CAUACCGCGC AUCCGUGGG 50
CG 52

- (2) INFORMATION FOR SEQ ID NO:245:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 58 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:245:
 ACCAUCUAGA GCUUCGAACC AUGGUAUACA AGGGAACACA AAAUUCGCGG 50
 AGGCUCCA 58

(2) INFORMATION FOR SEQ ID NO:246:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:246:
 GGGAGACAAG AUAACGCUC AAACAAGAGA GUCAAACCAA GUGAGAUCA 50
 AGCGUUUAGC GCGGAAAGCA CAUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:247:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 87 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:247:
 GGGAGACAAG AAUAAACGCU CAAAAGACG UAUUCGAUUC GAAACGAGAA 50
 AGACUUAAG UGAGCCCGCA GUUCGACAGG AGGCUCA 87

(2) INFORMATION FOR SEQ ID NO:248:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:248:
 GGGAGACAAG AAUAAACGCU CAANNNNNNN NNNNNNNNNN NNNNNNNNNN 50
 NNNNNNNNNN NNNNNNNNNN NNNUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:249:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 40 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:249:
 TAATACGACT CACTATAGGG AGACAAGAAT AAACGCTCAA 40

(2) INFORMATION FOR SEQ ID NO:250:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 24 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:250:
 GCCTGTTGTG AGCCTCCTGT CGAA 24

(2) INFORMATION FOR SEQ ID NO:251:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:251:
 GGGAGACAAG AAUAAACGCU CAAGCCCCAA ACGCAAGCGA GCAUCCGCAA 50
 CAGGGAAGAA GACAGACGAA UGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:252:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:252:
 GGGAGACAAG AAUAAACGCU CAAGCCCCAA ACGCAAGUGA GCAUCCGCAA 50
 CAGGGAAGAA GACAGACGAU UGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:253:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 98 base pairs
 - (B) TYPE: nucleic acid

(C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:253:
 GGGAGACAAG AAUAAAACNC UCAAGCCCCA AACGCAAGUG AGCAUCCGCA 50
 ACAGGGAAGA AGACAGAUGA AUGAUUCGAC AGGAGGCUCA CAACAGGC 98

(2) INFORMATION FOR SEQ ID NO:254:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:254:
 GGGAGACAAG AAUAAAACNCU CAAGCCCCAA GCAAGUGAGC AUCCGCAACA 50
 GGGAAGAAGA CAGACGAGUG AUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:255:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:255:
 GGGAGACAAG AAUAAAACNCU CAAGCCCCAA ACGCAAGUGA GCAUCCGCAA 50
 CAGGGAAGAA GACAGACGAA UGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:256:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:256:
 GGGAGACAAG AAUAAAACGCU CAAGCAAAAG GCGUAAAUAC ACCUCCGCAA 50

(2) INFORMATION FOR SEQ ID NO:257:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 98 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:257:

GGGAGACAAG	AAUAAACGCU	CAAACAGCUA	CAAGUGGGAC	AACAGGGUAC	50
AGCGGAGAGA	AACAUCCAAA	CAAGUUCGAC	AGGAGGCUCA	CAACAGGC	98

(2) INFORMATION FOR SEQ ID NO:258:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 95 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:258:

GGGAGACAAG	AAUAAACGCU	CAAUUAACU	AAACAACGCA	GUCACGAGAA	50
CGACCGGKCU	GACUCCGAAA	GUUCGACAGG	AGGCUCACAA	CAGGC	95

(2) INFORMATION FOR SEQ ID NO:259:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 95 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:259:

GGGAGACAAG	AAUAAACGCU	CAAACGAGAG	CACCAAGGCA	ACAGAUGCAG	50
AAGAAGUGUG	CGCGCGCGAA	AUUCGACAGG	AGGCUCACAA	CAGGC	95

(2) INFORMATION FOR SEQ ID NO:260:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 98 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:260:
 GGGAGACAAG AAUAAACGCU CAAUAAGACA ACGAACAGAC AGAAGCGAAA 50
 AAGGGGCGCC GCAGCAACAA CAAAUUCGAC AGGAGGCUCA CAACAGGC 98

(2) INFORMATION FOR SEQ ID NO:261:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:261:
 GGGAGACAAG AAUAAACGCU CAACGUGUAC CACAACAGUU CCACGGAAGC 50
 UGGAAUAGGA CGCAGAGGAA UUCGACAGGA GGCUCACAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:262:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:262:
 GGGAGACAAG AAUAAACGCU CAAACAAAAU UWUGGUGGGC CCCGCAACMG 50
 GGRGGRAGRC CGUUGAAGGC UUCGACAGGA GGCUCACAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:263:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:263:
 GGGAGACAAG AAUAAACGCU CAAGAUCAUA ACGAGAGGAG AGGGAGAACU 50
 ACACGCGCGC GAGGAAAGAG UUCGACAGGA GGCUCACAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:264:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 89 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:264:

GGGAGACAAG	AAUAAACGCU	CAAACACAAA	UCGGGCAGGG	ACUGGGUUGG	50
GCACGGCAGG	GCGCCUUCGA	CAGGAGGCUC	ACAACAGGC		89

(2) INFORMATION FOR SEQ ID NO:265:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:265:

GGGAGACAAG	AAUAAACGCU	CAAGUGGGCU	CGGGCCGGAU	GUCUACGGGU	50
GUGAAGAAAC	CCCUAGGGCA	GGGUUCGACA	GGAGGCUCAC	AACAGGC	97

(2) INFORMATION FOR SEQ ID NO:266:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 95 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:RNA
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:266:

GGGAGACAAG	AAUAAACGCU	CAAGAUACAGC	GGAACUAAGA	AAUGGAAGGC	50
UAAGCACCGG	GAUCGGGAGA	AUUCGACAGG	AGGCUCACAA	CAGGC	95

(2) INFORMATION FOR SEQ ID NO:267:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 95 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:267:
 GGGAGACAAG AAUAAACGCU CAAUAAACAA GCAGCAAAGU ACCAGAGGAG 50
 AGUUGGCAGG GUUUAGGCAG CUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:268:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:268:
 GGGAGACAGA AUAAACGCUC AAAGACCAAG GGACAGCAGC GGGGAAAAAC 50
 AGAUCACAGC UGUAAGAGGG CUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:269:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 93 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:269:
 GGGAGACAAG AAUAAACGCU CAAAGUCGGG GAUAGAAACA CACUAAGAAG 50
 UGCAUCAGGU AGGAGAUAAU UCGACAGGNG GCUCACAACA GGC 93

(2) INFORMATION FOR SEQ ID NO:270:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:270:
 GGGAGACAAG AAUAAACGCU CAAGAGUAUC ACACAAACCG GCACGGACUA 50
 AGCAGAAGGA GGUACGGAAG AUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:271:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 94 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:271:
 GGGAGACAAG AAUAAACNCU CAACGAAUA GAAGGAACAG AAGAAUGGBG 50
 AWGNGGGAAA UGGCAACGAA UUCGACAGGN GGCUCACAAC AGGC 94

(2) INFORMATION FOR SEQ ID NO:272:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:272:
 GGGAGACAAG AAUAAACGCU CAAACGAGAC CCUGGAUACG AGGCUGAGGG 50
 AAAGGGAGMM MRRAMCUARR CKCUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:273:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:273:
 GGGAGACAAG AAUAAACGCU CAAGAAGGAU ACUUAGGACU ACGUGGGAUG 50
 GGAUGAAAUG GGAGAACGGG AGUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:274:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 96 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:274:

GGGAGACAAG AAUAAACGCU CAAAACGCAC AAAGUAAGGG ACGGGAUGGA 50
 UCGCCCUAGG CUGGAAGGGA ACUUCGACAG GAGGCUCACA ACAGGC 96

- (2) INFORMATION FOR SEQ ID NO:275:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 96 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE:RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:275:
- GGGAGACAAG AAUAAACGCU CAAGGUGAAC GGCAGCAAGG CCCAAAACGU 50
 AAGGCCGGAA ACNGGAGAGG GAUUCGACAG GNGGCUCACA ACAGGC 96

- (2) INFORMATION FOR SEQ ID NO:276:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 96 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE:RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:276:
- GGGAGACAAG AAUAAACGCU CAAUGAUUA CACGUAAGCA CUGAACCAGG 50
 CUGAGAUCCA UCAGUGCCCA GGUUCGACAG GAGGCUCACA ACAGGC 96

- (2) INFORMATION FOR SEQ ID NO:277:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 94 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULAR TYPE:RNA
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 - (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:277:
- GGGAGACAAG AAUAAACGCU CAAGAUCAUA ACGAGAGGAG AGGGAGAACU 50
 ACACGCGCGC GAGGAAAGAG UUCGACAGGA GGCUCACAAC AGGC 94

- (2) INFORMATION FOR SEQ ID NO:278:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 96 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:278:
 GGGAGACAAG AAUAAACGCU CAAUCAAGUA AGGAGGAAGG GUCGUGACAG 50
 AAAAACGAGC AAAAAACGCG AGUUCGACAG GAGGCUCACA ACAGGC 96

(2) INFORMATION FOR SEQ ID NO:279:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 93 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil (xi)
 SEQUENCE DESCRIPTION: SEQ ID NO:279:
 GGGAGACAAG AAUAAACGCU CAAAAGGUGC CGGGUUGGAG GGGUAGCAAG 50
 AAAUGGCUAG GCGCAGCAU UCGACAGGNG GCUCACAACA GGC 93

(2) INFORMATION FOR SEQ ID NO:280:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:280:
 GGGAGACAAG AAUAAACGCU CAACCAACGC GCACCCCGCA GCAAACGAAA 50
 UUGGGGAGAC AGGUGCAAGA CAGUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:281:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:281:
 GGGAGACAAG AAUAAACKCU CAACAAACAA UAUCGGCGCA GGAAAACGUA 50
 GAAACGAAAM GGAGCUGCGY GGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:282:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 93 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:282:

GGGAGACAAG AAUAAACGCU CAAUGAUAGC ACAGUGUAUA AGAAAACGCA	50
ACACCGCGCG CGGAAAGAGU UCGACAGGAG GCUCACAACA GGC	93

(2) INFORMATION FOR SEQ ID NO:283:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 96 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:283:

GGGAGACAAG AAUAAACGCU CAAGAUCAUC GCAGUAUCGG AAUCGACCCU	50
CAGUGGGUGA CAUGC GGACA AGUUCGACAG GAGGCUCACA ACAGGC	96

(2) INFORMATION FOR SEQ ID NO:284:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:284:

GGGAGACAAG AAUAAACGCU CAAGUACCGG GAAGGGAUGA ACUGGGAUUAU	50
GGGAACGGAG GUCAGAGGCA CGAUUCGACA GGAGGCUCAC AACAGGC	97

(2) INFORMATION FOR SEQ ID NO:285:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 97 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE:RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:285:
 GGGAGACAAG AAUAAACGCU CAAGCAAUGG AACGCUAGGA GGGAACAUAA 50
 GCAGGGCGAG CGGAGUCGAU AGCUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:286:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:286:
 GGGAGACAAG AAUAAACGCU CAAAACAGAA CUGAUCGGCG CAGGUUGAUA 50
 AAGGGGCAGC GCGAAGAUCA CAAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:287:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:287:
 GGGAGACAAG AAUAAACGCU CAAGGGAAAC GGAAAGGGAC AAGGCGAACA 50
 GACGAGAAGU AGACGGAGUA GGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:288:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE:RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:288:
 GGGAGACAAG AAUAAACGCU CAANNAGAGG AAGGGCACGC AAGGAAACAA 50
 AACACAAAGC AGAAGUAGUA AGAUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:289:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 95 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:289:
 GGGAGACAAG AAUAAACGCU CAAGUACRCA GUGAGCAGAA GCAGAGAGAC 50
 UUGGGAUGGG AUGAAAUGGK CUUCGACAGG AGGCUCACAA CAGGC 95

(2) INFORMATION FOR SEQ ID NO:290:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:290:
 GGGAGACAAG AAUAAACNCU CAACCGACGU GGACDCGCAU CGGCAUCCAG 50
 ACCAGGCUGN BCNGCACCAS ACGUUCGACA GGAGGCUCAC AACAGGC 97

(2) INFORMATION FOR SEQ ID NO:291:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 11 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-NH₂ cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-NH₂ uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:291:
 GGGAAGAAGA C 11

(2) INFORMATION FOR SEQ ID NO:292:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 66 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:292:
 GGGAGGACGA UGCGGNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN 50

(2) INFORMATION FOR SEQ ID NO:293:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:293:

GGGAGGACGA UGCGGGCAAA UUGCAUGCGU UUUCGAGUGC UUGCUCAGAC 50
GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:294:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:294:

GGGAGGACGA UGCGGUGCUU AAACAACGCG UGAAUCGAGU UCAUCCACUC 50
CUCCUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:295:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 72 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:295:

GGGAGGACGA UGCGGUUAAU UCAGUCUCAA ACGGUGCGUU UAUCGAGCCA 50
CUGAUCWGAC GACUCGCCCCG AA 72

(2) INFORMATION FOR SEQ ID NO:296:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:296:

GGGAGGACGA UGCGGCUUAG AGCUCAAACG GUGUGACUUU CAAGCCCUCU 50

AUGCCCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:297:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 61 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:297:

GGGAGGACGA UGCGGUACCU CAAAUUGCGU GUUUUCAAGC AGUAUCAGAC 50

GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:298:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 61 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:298:

GGGAGGACGA UGCGGACCCU CAAAUACGU GUCUUUCAAG UUGGUCAGAC 50

GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:299:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 61 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

(D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:299:

GGGAGGACGA UGCGGACCCU CAAAUAGCGU GCAUUUCAAG CUGGUCAGAC 50

GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:300:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:300:

GGGAAGACGA UGCGGCGCUC AAAUAAUGCG UUAUUCGAAU UCGCCCAGAC 50
GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:301:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:301:

GGGAGGACGA UGCGGCAAAC AAGCUCAAU GACGUGUUUU UCAAGUCCUU 50
GUUGUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:302:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:302:

GGGAGGACGA UGCGGUAGUA AGUCUCAAU GUUGCGUUUU UCGAAACACU 50
UACAUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:303:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 62 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:303:
 GGGAGGACGA UGCGGAGACU CAA AUGGUGU GUUUUCAAGC CUCUCCAGU 50
 CGACUCGCCC GA 62

(2) INFORMATION FOR SEQ ID NO:304:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 63 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:304:
 GGGAGGACGA UGCGGUGCUC AAAUGAUGCG UUUCUCGAAU CCACCCAGAC 50
 GACUCGCCCC AGG 63

(2) INFORMATION FOR SEQ ID NO:305:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:305:
 GGGAGGACGA UGCGGCCAUC GGUCUUGGGC AACGCGUUUU CGAGUUACCU 50
 AUGGUCAGAC GACUCGCCCC A 71

(2) INFORMATION FOR SEQ ID NO:306:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:306:
 GGGAGGACGA UGCGGCCAUC GGUCUUGGGC AACGCGUUUU CGAGUUACCU 50
 ACAUCAGACG ACUCGCCCCA 70

(2) INFORMATION FOR SEQ ID NO:307:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:307:
 GGGAGGACGA UGCGGGACCC UUAGGCAACG UGUUUUCAAG UUGGUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:308:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:308:
 GGGAGGACGA UGCGGACGUA GCUCUUAGGC AAUGCGUAUU UCGAAUUAGC 50
 UUGUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:309:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:309:
 GGGAGGACGA UGCGGAGUCU UAGGCAGCGC GUUUUCGAGC UACUCCAUCG 50
 CCAGUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:310:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:310:

GGGAAGACGA UGCGGAAUGC UCUUAGGCAG CGCGUUAUUC GAGCUAGCAC 50
 AUCCUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:311:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:311:
 GGGAGGACGA UGGGGAGUCU UAGGCAGCGC GUUUUCGAGC UACUCCAUCG 50
 CCAGUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:312:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:312:
 GGGAGGACGA UGCGGUAAUC UCUUAGGCAU CGCGUUAUUC GAGAUAGAUC 50
 ACCGUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:313:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:313:
 GGGAGGACGA UGCGGCAAUG UCHCUUAGGC CACGCGUUAU UCGAGCGUGA 50
 CUGUCAGACG ACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:314:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:314:
 GGGAGGACGA UGCGGCAUGG UC UUAGGCGA CGGUUUUAU UCGAGUCACC 50
 AUGCUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:315:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:315:
 GGGAGGACGA UGCGGGAUGC UUAGGCGCCG UGUUUUCAAG GCCAUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:316:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 72 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:316:
 GGGAGGACGA UGCGGUAAUU GUCUUAGGCG CCGUGUUAUC AAGGCACAAU 50
 UUCCUCAGA CGACUCGCCC GA 72

(2) INFORMATION FOR SEQ ID NO:317:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:317:
 GGGGAAGACGA UGCGGCUACU AGUGUCUUAG GCGGAGUGUU UAUCAAUCCA 50
 CACAUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:318:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:318:

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GGGAGGACGA UGCGGACUGA CUUAGGCUGC GCGCACUUCG AGCAUCAGAC   50
GACUCGCCCCG A                                           61
  
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(2) INFORMATION FOR SEQ ID NO:319:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 70 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:319:

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GGGAGGACGA UGCGGUGGUG UGUCUUUGGC ACCGCGUAUU UUCGAGGUAC   50
ACAUCAGACG ACUCGCCCCGA                                     70
  
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(2) INFORMATION FOR SEQ ID NO:320:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 70 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:320:

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GGGAGGACGA UGCGGUGGUG UGUCUUUGGC ACCGCGUAUU CUCGAGGUAC   50
ACAUCAGACG ACUCGCCCCGA                                     70
  
```

(2) INFORMATION FOR SEQ ID NO:321:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:321:
 GGGAGGACGA UGCGGGCUCU UCAGCAACGU GUUAUCAAGU UAGCCCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:322:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:322:
 GGGAGGACGA UGCGGCGUAA CUUCAGCGGU GUGUUAUCA AGCCUUACGC 50
 CAUCUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:323:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 59 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:323:
 GAGGACGAUG CGGGCUCUUA AGCAACGUGU UAUCAAGUUA GCCCAGACGA 50
 CUCGCCCCG A 59

(2) INFORMATION FOR SEQ ID NO:324:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:324:
 GGGAGGACGA UGCGGUCUCA AGCAUAGCGU UUAUCGAAU ACCGUACGCC 50
 UCCGUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:325:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:325:
 GGGAGGACGA UGCGGAAAUC UCUUAAGCAG CGUGUAAAUC AAGCUAGAUC 50
 UUCGUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:326:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:326:
 GGGAGGACGA UGCGGUUCUU AAGCAGCGCG UCAAUCGAGC UAACCCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:327:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 62 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:327:
 GGGAGGACGA UGCGGAUCUU AAGCAGCGCG UCAAUCGAGC UAACCCAGAC 50
 GACUCGCCCCG AG 62

(2) INFORMATION FOR SEQ ID NO:328:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 75 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:328:

ACAGCUGAUG ACCAUGAUUA CGCCAAGCUU AAGCAGCGCG UUUUCGAGCU 50
CAUGUUGGUC AGACGACUCG CCCGA 75

(2) INFORMATION FOR SEQ ID NO:329:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:329:

GGGAGGACGA UGCGGAGGGU CUUAAGCAGU GUGAUAAUCA AACUACUCUC 50
CGUGUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:330:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 62 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:330:

GGGAGGACGA UGCGGGAUCU UAAGCAGUGC GUUAUUCGAA CUAUCCCAGA 50
CGACUCGCCC GA 62

(2) INFORMATION FOR SEQ ID NO:331:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 70 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:331:

GGGAGGACGA UGCGGUGCUA UUCUUAAGCG GCGUGUUUUU CAAGCCAAUA 50
UCAUCAGACG ACUCGCCCCG A 70

(2) INFORMATION FOR SEQ ID NO:332:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:332:
 GGGAGGACGA UGCGGUCUUA AGCGGCGCGA UUUUCGAGCC ACCGCAUCCU 50
 CCGUGCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:333:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:333:
 GGGAGGACGA UGCGGCCUCU UAAGCGUCGU GUUUUCAAG CUGGUCAGAC 50
 GACUCGCCCG A 61

(2) INFORMATION FOR SEQ ID NO:334:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:334:
 GGGAGGACGA UGCGGAUACC ACCUCUUAAG CGACGUGCAU UUCAAGUCAG 50
 AUGGUCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:335:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 72 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:335:
 GGGAGGACGA UGCGGUGCUA UUCUUAAGCG GCGUGUAAU CAAGCUAGAU 50
 CAUCGUCAGA CGACUGCCCC GA 72

(2) INFORMATION FOR SEQ ID NO:336:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:336:

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GGGAGGACGA UGCGGAACGA CUCUUAAGCU GUGCGUUUUC GAACAAGUCG 50
UAACUCAGAC GACUCGCCCCG A 71
```

(2) INFORMATION FOR SEQ ID NO:337:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:337:

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GGGAGGACGA UGCGGCUCUC AUUUWGCGCG UAAAU CGAGC UAGCCCAGAC 50
GACUCGCCCCG A 61
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(2) INFORMATION FOR SEQ ID NO:338:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:338:

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GGGAGGACGA UGCGGAGUCW CUCUCCACCA KCGUGUKUUA AUCAAGCUAN 50
UGCCUCAGAC GACUCGCCCCG A 71
```

(2) INFORMATION FOR SEQ ID NO:339:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:339:
 GGGAGGACGA UGCGGUCUAC GGUCUCUCUG GCGGUGCGUA AAUCKAACCA 50
 GAUCGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:340:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:340:
 GGGAGGACGA UGCGGUDAUU UCYUAAUCHG AGCGUUUAUC UAUCUMAAUK 50
 AUCCUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:341:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 62 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:341:
 GGGAGGACGA UGCGGAUCGC AAUMUGUWGC GUUCUCKAAA CAGCCUCAGA 50
 CGACUCGCCC GA 62

(2) INFORMATION FOR SEQ ID NO:342:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:342:
 GGGAGGACGA UGCGGUGGUU CUAGGCACGU GUUUUCAAGU GUAUUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:343:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 62 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:343:
 GGGAGGACGA UGCGGAAACA UGUGUUUUCG AAUGUGCUCU CCUCCCCAAA 50
 CAACYCCCCC AA 62

(2) INFORMATION FOR SEQ ID NO:344:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:344:
 GGGAGGACGA UGCGGAAGGC CGUGUUAUUC AAGGCUGCAA UAAAUCAUCC 50
 UCCCCAGACG ACUCGCCCCG 70

(2) INFORMATION FOR SEQ ID NO:345:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:345:
 GGGAGGACGA UGCGGAGGAU CGUGUUAUUC AAGAUUGCUC GUUCUUUACU 50
 GCGUUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:346:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:346:

GGGAGGACGA UGCGGUCAAA GUGAAGAAUG GACAGCGUUU UCGAGUUGCU 50
 UCACUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:347:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 71 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:347:

GGGAGGACGA UGCGGGGAGA AUGGCCAGCG UUAUCGAGG UGCUCCGUUA 50
 ACCGGCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:348:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:348:

GGGAGGACGA UGCGGGAGGA AUGGACWCG UAUAUCGAGU UGCCUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:349:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:349:

GGGAGGACGA UGCGGAUCGA UUUCAUGCGU UUUUCGAGUG ACGAUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:350:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:350:
 GGGAGGACGA UGCGGAGACC CUAAGMGSU KSUUUCAAS CUGGUCWGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:351:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:351:
 GGGAGGACGA UGCGGUUAGC CUACACUCUA GGUUCAGUUU UCGAAUCUUC 50
 CACCGCWGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:352:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:352:
 GGGAGGACGA UGCGGUUAGG UCAAUGAUCU UAGUUUUCGA UUCGUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:353:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:353:
 GGGAGGACGA UGCGGACGUG UGUAUCRARU UUCCGCUGU UUGUGCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:354:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 71 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:354:

GGGAGGACGA UGCGGACAGG GUUCUAGGC GGAGUGUUCA UCAAUCCAAC	50
CAUGUCAGAC GACUCGCCCCG A	71

(2) INFORMATION FOR SEQ ID NO:355:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 62 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:355:

GGGAGGACGA UGCGGCGAUU UCCACAGUUU GUCUUAUUCC GCAUAUCAGA	50
CGACUCGCCCC GA	62

(2) INFORMATION FOR SEQ ID NO:356:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:356:

GGGAGGACGA UGCGGAUAYU CAGCUYGUGU KUUUUCDAUC UUCCCCAGAC	50
GACUCGCCCCG A	61

(2) INFORMATION FOR SEQ ID NO:357:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:357:
 GGGAGGACGA UGCGGCACAC GUGUUUCAA GUGUGCUCCU GGAUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:358:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:358:
 GGGAGGACGA UGCGGCAAUG UGUUUCUCAA AUUGCUUUCU CCCUUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:359:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:359:
 GGGAGGACGA UGCGGAUACU ACCGUGCGAA CACUAAGUCC CGUCUGUCCA 50
 CUCCUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:360:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 66 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:360:
 GGGAGGACGA UGCGGAUACU AUGUGCGUUC ACUAAGUCCC GUUGUCCCCU 50
 CAGACGACUC GCCCCG A 66

(2) INFORMATION FOR SEQ ID NO:361:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:361:
 GGGAGGACGA UGCGGGUACU AUGUACGAUC ACUAAGCCCC AUCACCCUUC 50
 UCACUCAGAC NACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:362:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:362:
 GGGAGGACGA UGCGGUUACU AUGUACAUUU ACUAAGACCC AACGUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:363:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 72 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:363:
 GGGAGGACGA UGCGGUUWCU AUGUWCGCCU UACUAAGUAC CCGUCGACUG 50
 UCCCAUCAGA CGACUCGCCC GA 72

(2) INFORMATION FOR SEQ ID NO:364:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:364:

GGGAAGACGA UGCGGUGUUG AUCAAUGAAU GUCCUCCUCC UACCCCAGAC 50
GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:365:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:365:

GGGAGGACGA UGCGGUGUUU GUCAAUGUCA UGAUUAGUUU UCCCACAGAC 50
GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:366:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 64 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:366:

GGGAGGACGA UGCGGCGGUC UUAAGCAGUG UGUCAAUCAA ACUAUCGUCA 50
GACGACUCGC CCGA 64

(2) INFORMATION FOR SEQ ID NO:367:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:367:

GGGAGGACGA UGCGGUUCUU AAGCAGCGCG UCAAUCGAGC UAACCCAGAC 50
GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:368:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 66 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:368:
 GGGAGGACGA UGCGGAAUGR CCCGUUACCA WCAAUGCGCC UCDUUGMCCC 50
 CAAACAACYC CCCCAA 66

(2) INFORMATION FOR SEQ ID NO:369:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 70 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:369:
 GGGAGGACGA UGCGGAAUYU CGUGYUACGC GUYYYCUAUC CAAUCUACCC 50
 CMUCUCCAAU CAGACGACYC 70

(2) INFORMATION FOR SEQ ID NO:370:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:370:
 GGGAGGACGA UGCGGCGCUU ACAAUAAUUC UCCCUGAGUA CAGCUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:371:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:371:
 GGGAGGACGA UGCGGAACUU CUUAGGCAGC GUGCUAGUCA AGCUAAGUUC 50
 CACCUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:372:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 70 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:372:

GGGAGGACGA UGCGGCACAA UCUUCGGCAG CGUGCAAGAU CAAGCUAUUG	50
UUGUCAGACG ACUCGCCCCGA	70

(2) INFORMATION FOR SEQ ID NO:373:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:373:

GGGAGGACGA UGCGGUCAUU AACCAAGAUU UGCGAAUCAC CUCCUCAGAC	50
GACUCGCCCCG A	61

(2) INFORMATION FOR SEQ ID NO:374:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 62 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All U's are 2'-F uracil
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:374:

GGGAGGACGA UGCGGUCAUU CUCUAAAAA GUUUCGGUA CCUCCACAGA	50
CGACUCGCCC GA	62

(2) INFORMATION FOR SEQ ID NO:375:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULAR TYPE: RNA
- (ix) FEATURE:
 - (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:375:
 GGGAGGACGA UGCGGGUGAU CUUUUAUGCU CCUCUUGUUU CCUGUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:376:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:376:
 GGGAGGACNA UGCGGUCUAG GCAUCGCUAU UCUUUACUGA UAUAAUUACU 50
 CCCCUCAGAC GACUCGCCCCG A 71

(2) INFORMATION FOR SEQ ID NO:377:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:377:
 GGGAGGACGA UGCGGAGUWW GCNCGGUCCA GUCACAUCCW AUCCCCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:378:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 62 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:378:
 GGGAGGACGA UGCGGCUCUC AUAUKGWGUR UUYUUCMUUC SRGGCUCAAA 50
 CAAYYCCCCC AA 62

(2) INFORMATION FOR SEQ ID NO:379:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs

(B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:379:
 GGGAGGACGA UGCGGCUUGU UAGUAAACU CGAGUCUCCA CCCUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:380:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 62 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:380:
 GGGAGGACGA UGCGGUCUCU WCUVACVUGU RUUCACAUUU UCGCYUCAA 50
 CAACYCCCCC AA 62

(2) INFORMATION FOR SEQ ID NO:381:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 61 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:381:
 GGGAGGACGA UGCGGUURAC AAUGRSSCUC RCCUCCCCWG GUCCUCAGAC 50
 GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:382:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:382:

AGGAGGACGA UGCGGUUAUC UGAARCWUGC GUAAMCUARU GUSAAASUGC 50
AACRACRAAC AACYCSCCCA A 71

(2) INFORMATION FOR SEQ ID NO:383:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 61 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:383:

AGGAAGACGA UGCGGUUCGA UUUUUUGUG UCAUGUUCU UCCAUCAGAC 50
GACUCGCCCCG A 61

(2) INFORMATION FOR SEQ ID NO:384:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 35 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:384:

GUGAUGACAU GGAUUACGCC AGACGACUCG CCCGA 35

(2) INFORMATION FOR SEQ ID NO:385:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 16 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

- (D) OTHER INFORMATION: All C's are 2'-F cytosine

(ix) FEATURE:

- (D) OTHER INFORMATION: All U's are 2'-F uracil

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:385:

UGCGUGUUUU CAAGCA 16

(2) INFORMATION FOR SEQ ID NO:386:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 23 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULAR TYPE: RNA

(ix) FEATURE:

(D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:386:
 CUCAAAUUGC GUGUUUCAA GCA 23

(2) INFORMATION FOR SEQ ID NO:387:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 33 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:387:
 GGUACCUCAA AUUGCGUGUU UUCAAGCAGU AUC 33

(2) INFORMATION FOR SEQ ID NO:388:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 33 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:388:
 GGAGUCUUAG GCAGCGGUGU UUCGAGCUAC UCC 33

(2) INFORMATION FOR SEQ ID NO:389:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 71 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear
 (ii) MOLECULAR TYPE: RNA
 (ix) FEATURE:
 (D) OTHER INFORMATION: All C's are 2'-F cytosine
 (ix) FEATURE:
 (D) OTHER INFORMATION: All U's are 2'-F uracil
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:389:
 GGGAGGACGA UGCGGNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN 50
 NNNNNCAGAC GACUCGCCCG A 71

(2) INFORMATION FOR SEQ ID NO:390:
 (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 97 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear
(ii) MOLECULAR TYPE: RNA
(ix) FEATURE:
(D) OTHER INFORMATION: All C's are 2'-F cytosine
(ix) FEATURE:
(D) OTHER INFORMATION: All U's are 2'-F uracil
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:390:
GGGAGACAAG AAUAAACGCU CAANNNNNNN NNNNNNNNNN NNNNNNNNNN 50
NNNNNNNNNN NNNNNNNNNN NNNUUCGACA GGAGGCUCAC AACAGGC 97